



# PAARAgaphs Since 1937

Monthly Newsletter for the Palo Alto Radio Association

## President's Message.....

Two of our long term members, Jack McEnnerney, W6LII, and George Nixon, GI3OEN, have become silent keys. We will miss them for a long, long time. Our heartfelt sympathy goes out to Steve Barnett, KD6CNU, for the loss of his wife, Kathleen.

The 1994 PAARA field day was, as usual, an adventure for all participants. The resident cook (who else?) is happy to announce an assistant chef moving quickly up the ranks. Many thanks to Kit, W6ISO, for all his help.

I'm happy to report a renewed relationship between PAARA and the Menlo Park Police Department. Steve Stunz, K6FS, and I will be working with Commander Dominick Peloso on several projects involving amateur radio and emergency preparedness.

(A letter from Commander Peloso is reprinted elsewhere in this issue.)

August has been a relatively relaxed month for PAARA. And now we have September! In addition to our regular meeting on September 9 (not September 2), our flea market will be held September 10. This is our big treasury replenishing event and we need lots of help. Please contact Gerry, WA6LNV, or Ron, KD6RFI, and let them know in what capacity you will volunteer. These events work well only if we have enough helping hands. So don't be shy.

On Sunday September 25 PAARA will provide communications for the Palo Alto Airport Day festivities from 11 a.m. to 3 p.m. Contact me or Rich, W6APZ, if you'd like to be part of the fun.

And don't forget our October

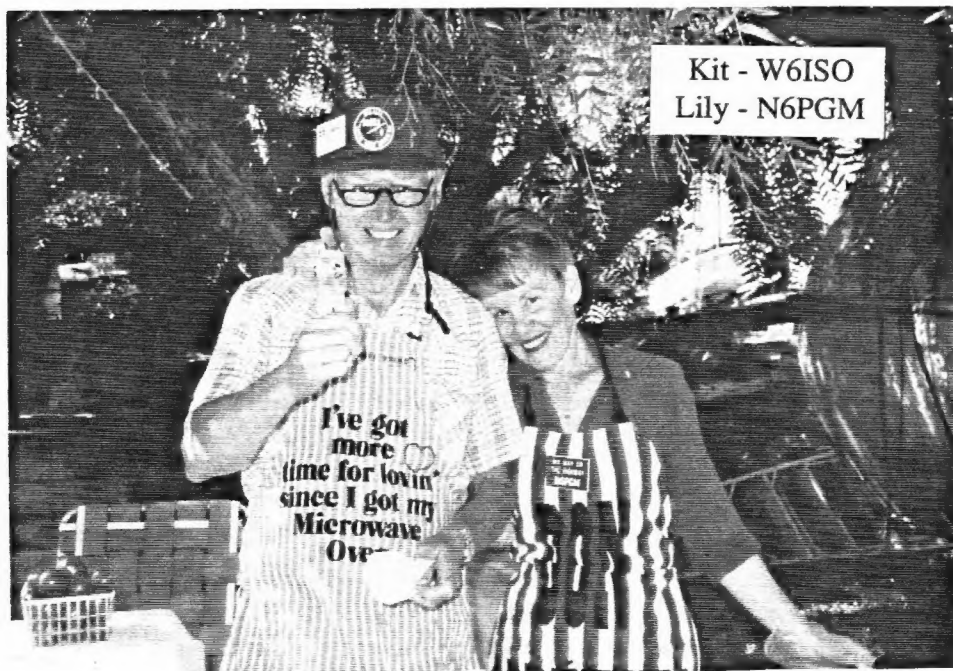
8 PAARA Ampex auction. It is not too early to mark your calendars for the PAARA Holiday Banquet on Wednesday, December 7. See you at the meeting...

*de Lily N6PGM*

### PAARA Calendar of Events

Sept. 9 General Meeting  
 Sept. 10 PAARA Flea Market  
 Sept. 21 Board Meeting  
 Sept. 25 Palo Alto Airport Day  
 Oct. 7 General Meeting  
 Oct. 8 PAARA Ampex Auction  
 Oct. 19 Board Meeting  
 Nov. 4 General Meeting  
 Nov. 16 Board Meeting  
 Dec. 2 General Meeting  
 Dec. 7 PAARA Holiday Banquet

Kit - W6ISO  
 Lily - N6PGM



### HELP WANTED

Editor/Publisher position  
 available immediately.

- System has been set up.
- Fabulous journalistic opportunity for creative person.
- Monthly newsletter disseminated far and wide.

Contact the club President for immediate consideration to help preserve what is left of her sanity(?). Great rewards and deep personal satisfaction guaranteed!

do not write above this line

# Field Day

1. Field Day Call Used W60Tx 2. Club or group name Palo Alto Amateur Radio Assn.3. Field Day location End of Bay Road East Palo Alto4. Check if you began set-up prior to 1800 UTC Saturday. ☒5. Number of people participating in this operation. 326. Number of transmitters in simultaneous operation. 27. ARRL/Canadian Section Pac/sec

11.

8. Entry Class (check one only):

- ☒ A. Club or non-club group portable  
☐ B. Non-club portable 1op \_\_\_\_\_ 2op \_\_\_\_\_  
 list operators \_\_\_\_\_  
☐ C. Mobile  
☐ D. Home station (commercial power)  
☐ E. Home station (emergency power)

9. Power source

- ☒ Generator ☐ Battery  
☐ Commercial mains ☐ Other

10. Call sign of Novice/Technician station KA7TxV  
(class 2A and above)12. Total CW QSOs 198  $\times 2 =$  396Total phone QSOs 1283  $\times 1 =$  1283Total QSO points 1679

CW			PHONE		
QSOs	Power Output		QSOs	Power Output	
160			160		
80			80	151	90w
40	6	90w	40	259	90w
20	119	90w	20	404	90w
15	41	90w	15	330	90w
10			10		
6			6	24	VHF 10w
2			2	46	Nat Power 5w
Other	20	Packet	Other	8	VHF 220
Other			Other	4	VHF 440
					4 VHF 126

186	CW QSOs	1237	PHONE QSOs
12	Novice CW QSOs	46	Novice PHONE QSOs
198	Total CW QSOs	1283	Total PHONE QSOs

13. Total QSO points 1679  $\times$  Power Multiplier (5 W or less,  $\times 5$ ; 150 W or less,  $\times 2$ ; over 150 W,  $\times 1$ ) 2  
equals Claimed Score (less bonus points) 3358

14. Bonus points

Attach proof required for all bonus points claimed. All bonus points will be added at ARRL HQ.

- ☒ 100% Emergency power ☒ Message to SM ☒ Natural Power  
☒ Media Publicity ☐ WIAW Field Day message ☒ Packet Radio  
☐ Location in Public Place ☐ Messages handled (no.) \_\_\_\_\_ ☒ VHF/UHF  
☐ Information Booth ☐ Satellite ☐ Other \_\_\_\_\_

15. This certifies that the station whose call appears above was operated in accordance with the current Field Day rules and that, to the best of my knowledge, the points and scores set forth in the above summary are correct and true. This station was operated in accordance with FCC rules and regulations. I agree to be bound by any decision of the ARRL Awards Committee.

Date 30 June 94 signed Lily-Anne Hillis Call N6P6m signature/call of club president  
by G H Tucker FD Chairman

16. Full mailing address (please print):

Name G H Tucker  
Address 1112 Ramona St  
Palo Alto CA 94301

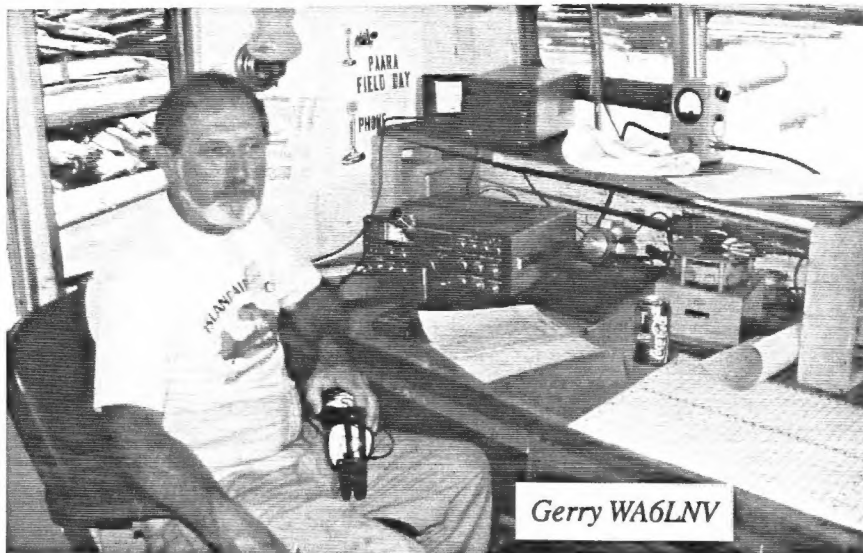
MSD 140 (3/93)

The Gang



## Communicator Needed for EAA Rally

de Rich W6APZ



Gerry WA6LNV

The Silicon Valley Electric Auto Association will hold its annual electric car rally at Lockheed in Sunnyvale's Moffet Park on Saturday September 17. Fourteen hams are needed to provide communications for this event in two shifts of seven each. The early shift is from 9:30 a.m. to 12:15 and the second shift is from 12:45 to 4:15 p.m. If you can help by providing communications for either shift, please contact Rich Stiebel, W6APZ, (415-494-0128) or by email at: 442.5324@mcimail.com.

EAA rallies are fun events. The cars traverse a 4 mile course as fast as they can, but are required to follow all state driving laws. Battery recharging during the rally is not allowed and the car that completes the most laps wins. Each car that has more than one seat is required to carry a passenger on every lap. Therefore, spectators are encouraged to come and get free rides in electric vehicles. The vehicles will be stopping at 1184 N. Mathilda to pick up passengers. The inside electronics of the electric cars are on display before the rally, usually during the lunch break, and sometimes at the end of the rally. If you are really interested in seeing what makes these electrics go, come early.

73 & mx



Ron KD6RFI



Steve KC6SDE

**PAARA • PALO ALTO AMATEUR RADIO ASSOCIATION, P.O. BOX 911, MENLO PARK, CALIFORNIA 94026**

Club meetings are held on the first Friday of each month at the Menlo Park Recreation Center, 700 Alma Street, Menlo Park, CA. The Club holds a Radio NET every Monday evening on 147.45 MHz at 8:30 PM • Membership in PAARA is \$6.00 per calendar year which includes a subscription to PAARAgaphs • Make payment to the Palo Alto Amateur Radio Association, P.O. Box 911, Menlo Park, California 94026



# The Red Cross Disaster Action Team

by Bill Smith, KE6CHQ

I'm so new to PAARA that I doubt you will recognize my name or call. What if I say "Red Cross?"...Yes, I'm the guy who drives the white Red Cross Sedan!

I thought you might like to know what I do for the Red Cross. So, here's an example:

It is 3:00 a.m. on a Saturday and the fire department has just put out an apartment fire. It was a small fire, really, but the damage to the apartment is extensive. The occupants, a single mother with three children, got out safely. They lost everything they owned except for the clothes on their backs. The woman is traumatized by the fire and her losses. She hasn't the resources to find another place to live, or even to pay for this morning's breakfast!

The fire is out. The firefighters are mopping up. The Battalion Chief

now has time to size up the situation and call for the Red Cross. The dispatcher makes the call to the American Red Cross - Bay Area's 24-hour number.

The Red Cross has a 'strike team' just for disaster situations: the Disaster Action Team (DAT). The DAT is composed of trained volunteers who respond in this and many other disaster situations. The DAT will respond to the scene, examine the apartment and interview the client. Once the formalities have been observed, the client and her family will be booked in a local motel. We will write vouchers for the motel, a local restaurant, and (likely in this case) perhaps a local department store for shoes and clothing.

If a member of this family has a medical problem requiring medication and that medication was lost in the fire...or perhaps someone lost prescription glasses in the conflagration...the DAT will take care of that too. The DAT makes these arrangements on a short-term basis only (usually until the next business day). That doesn't mean all Red Cross aid stops there. Rather, it means a Red Cross Family Services

caseworker will take over for the DAT. The client will be re-interviewed extensively to determine need and qualifications. Chances are that the client in this example would qualify for considerable Red Cross aid. The caseworker may also refer client to other public or private relief agencies for assistance that is needed but not provided by the Red Cross. Just as important, the caseworker counsels the client and gets him/her to develop a clear recovery plan.

Red Cross disaster aid may amount to several thousands of dollars in extreme cases. You should know this: All Red Cross disaster aid is an outright gift to the client (and family). We never ask for the money to be repaid. Nor do we expect it. We do not even imply that the client has a debt to the Red Cross.

We support disaster workers (firefighters, police,...even private citizens volunteering in a relief effort). The assistance we provide them (food and drink, usually) is also free! I am privileged and proud to be a DAT leader for the American Red Cross-Bay Area Chapter in San Mateo County.

## PAARAgaphs Ad Rates

All ad rates listed are per issue only.

A) Not for profit ads by association members for ham-related items and wants.

- No cost for business card size ads (additional space at (\$2.50 per business card size)

B) For Profit organizations and/or individuals

- \$5 for business card size
- \$25 for half page
- \$50 for full page

The above fees may be reduced or waived in exchange for a valuable

consideration that is given to the Association or its general membership. Such consideration must be in addition to any existing arrangements with the Association. The PAARAgaphs editors reserve the

right to reject any ad deemed to be not in the best interests of the Association. All fees are for "scanner-ready" copy or text only ads. If you need artwork prepared, contact us to negotiate additional charges.

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Lily Anne Hillis, President  
Palo Alto Amateur Radio Association  
P.O. Box 911  
Menlo Park, California 94025

Dear Lily Anne,

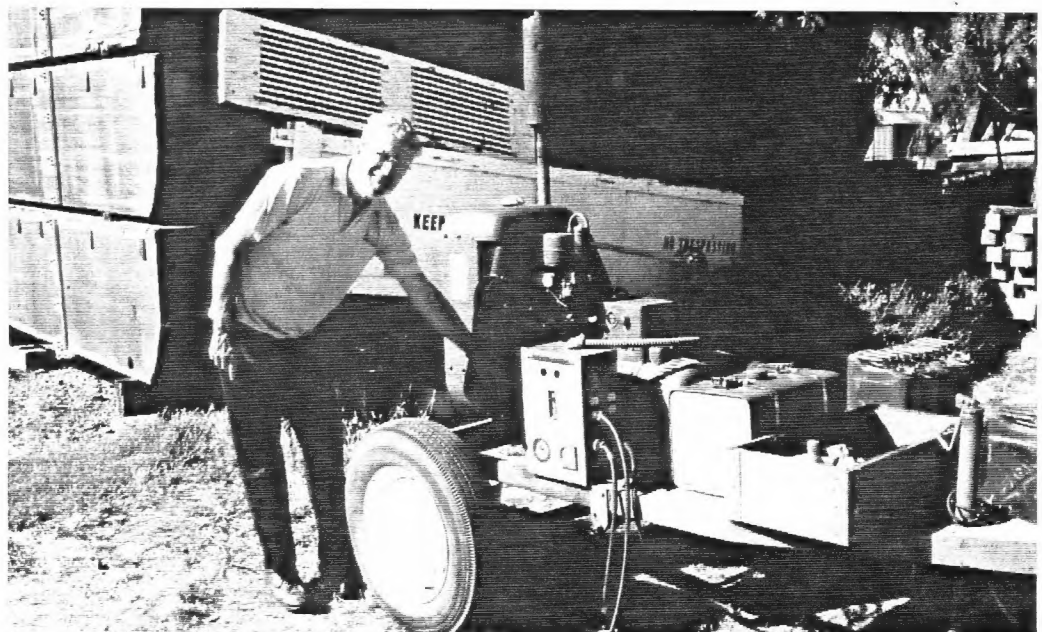
It was wonderful to meet with you last week to discuss the role that amateur radio will play in the City of Menlo Park's disaster plan. It was good to know that despite the lack of contact between us over these last several years, you have continued your commitment to the City of Menlo Park.

We recognize the value of amateur radio in time of disaster. You may be our only communication link if the other sources go down. I look forward to working with you and your group as we bring the equipment back from city hall and to the police department. After that, I would very much like to do some training with our staff.

Again, thank you for your help in the past and in anticipation of the future.

Very Truly Yours,

Dominick Peloso  
Commander, Support Services



Steve KD6CNU

## ARRL Pacific Division Update

September 1994

by Brad Wyatt, K6WR, Director, Pacific Division, ARRL

18400 Overlook Road, #5, Los Gatos CA 95030-5850 • (408) 395-2501

Packet: K6WR@NOARY.#NOCAL.CA • Internet: bwyatt@arrrl.org

### Brief Update on the ARRL July Board Meeting:

A meeting of the ARRL Board of Directors was held in Newington July 15 and 16. I and Vice Director Maxwell attended. Full details will be contained in the minutes of the meeting, to be published in September QST.

It was a very productive meeting. Among other actions, by my motion, The Board voted to ask the Spectrum Committee to develop a census or inventory of ALL current and planned activity from 420 MHz to 300GHz so we will be prepared for future spectrum challenges like the NTIA spectrum reallocation plan. Also by my motion, the Board commended the ARRL staff for responding extraordinarily well to the NTIA plan and the FCC docket on the NTIA plan with very short turn around times and for supplying interested members with data to support their own comments.

Vice Director Maxwell developed and the Board adopted new Terms of Reference (guidelines) for the newly created RF Safety Committee.

### Update on the Effort to Save the 13 cm. Band:

The big news is that on August 10, the FCC released a 32-page report to the Secretary of Commerce regarding the NTIA Preliminary Spectrum Reallocation Report as required by the 1993 Omnibus Budget Reconciliation Act. The Act requires that the report analyze the public comments, along with any comments or recommendations the FCC deems appropriate. The content of the report is summarized in an *ARRL Bulletin* due to be released early in the week of August 15. Portions of that *ARRL Bulletin* follow here.

The August 10 reports means that ARRL's effort to protect Amateur frequencies in the 13 cm band from reallocation is a step closer to success. The report strongly supports continued Amateur Radio presence in the band and disagrees with NTIA's preliminary recommendations that large portions of the band be reallocated for other uses.

The frequencies that NTIA had identified for possible reallocation consist of 2300-2310 MHz, 2390-2400 MHz and 2402-2417 MHz, which have been shared by Amateur Radio on a secondary basis with Government services.

While the FCC report praised the NTIA for its efforts, it stated that the NTIA proposals require modification. FCC cited concerns in the Amateur community that reallocation would disrupt Amateur operations in the band, and that NTIA failed to meet the statutory requirement that it attempt to determine the extent to which the band could be shared with the Amateur service. The report noted that "the largest factor affecting the future of these bands is their existing availability for use by the Amateur service."

The important contributions to this 13 cm effort made by West Coast hams were recognized by ARRL President

George Wilson, W4OYL. Wilson stated "While we're not out of the woods on this one yet, it is beginning to look like the comments filed by knowledgeable West Coast hams combined with the League's Washington effort may well succeed in carving out territory for continued Amateur development in the microwave bands."

Way to go, gang!

### Scott Hensley, KB6UOO, New SCV SM:

Thanks to Scott Hensley, KB6UOO, who has volunteered to step into the position of interim Section Manager for the Santa Clara Valley Section as of July 1, 1994. As most of you know, Steve Wilson, KA6S, retired as SM as of June 30, 1994. Information on nominations for the election for the position of SM in Santa Clara Valley was in the July and August QST for the term starting Jan. 1, 1995. Many thanks, Steve, for your years of service as SM and your continued service as Public Service Advisory Committee member for the Pacific Division; and, thanks to Scott for volunteering to serve as SM for the next 6 months!

### FCC Proposes HF Digital Changes:

On June 13, 1994, the FCC proposed to amend the amateur rules to allow automatic control of digital stations under certain conditions on the HF amateur bands. The Notice of Proposed Rule Making in PR Docket 94-59 was released June 23 with a comment deadline of Nov. 1, 1994. See the ARRL Letter of June 24, 1994 for the announcement details. QST for August 1994 on page 71 carried all the details of the proposal. Please review this material and send me your thoughts as soon as possible so they can be factored into the ARRL comments by Oct. 1.

### Vanity "Preferred" Callsigns-Latest News:

At the ARRL National Convention and at a later meeting, FCC officials indicated that the vanity call implementation should occur by the end of the year or early 1995. The basic outline of the ARRL Comments filed on FCC Docket 93-305 by the April 21 deadline is contained in the June 1994 Update. The latest news is that Congress has decided to change the \$7 per year fee for the licenses to a ONE TIME application fee of \$150. It was the judgement of Congress that this change was "revenue neutral" and would ease the burden of billing and collecting on the FCC. Also, it would get the dollars up front which is an advantage to Congress and the Administration.

### Congressional Legislative Report:

The big news is that HJR 199 has been added to HR 4522, the FCC Authorization Act of 1994, as part of that bill.



HJR 199 no longer exists on its own. This "bundling" is a favorite tactic in Congress to get various bills which mutually support each other tied together. All House Committees have been passed by the FCC Act although amendments on the floor are technically possible, but not likely. The FCC bill has now been placed on the "consent calendar" (non-controversial bills) to be passed in one big vote by the House.

Before merging, HJR 199 had 246 co-sponsors in the House for a majority of members. Gary Condit of the CA 18th District was the latest co-sponsor from the Pacific Division. We now need to start the "thank you process" for all House members who signed on as co-sponsors.

The identical resolution in the Senate (SJR 90) now has 46 co-sponsors. CA Senator Diane Feinstein is the latest co-sponsor from the Pacific Division. We still need 5 more for a majority. What will happen to this bill is as yet unclear, but it may become part of the FCC bill when it arrives in the Senate from the House. We still need to try to convince California Senator Boxer and Nevada Senators Reid and Bryan to become co-sponsors. Hawaii is 100%!

HR 2623 (Amateur Radio Volunteer Service Act) has 81 co-sponsors in the House (Congressman John Doolittle from the CA 4th District has now become a co-sponsor) so we have 2 in the Pacific Division. The bill has not yet been introduced in the Senate. Late-breaking information suggests that no action will be taken on the bill this year.

#### Massive FCC Reorganization

On Monday, Aug. 1, 1994, literally all the top Civil Service in the FCC changed jobs as part of a massive reorganization. While the end result of this change is difficult to forecast, there is hope for better enforcement activity and support for Amateur Radio in the long term. ARRL President George Wilson, W4OYL, and the ARRL Washington Staff continue to call at the top of the FCC (Commissioners and Civil Service Staff).

#### Other FCC Matters-Processing of New Licenses

I have learned of several cases recently where new licenses have been received from the FCC in about 6 weeks from the time for the examination. This is down from the 12-14 weeks recently experienced. FCC apparently has applied additional resources and the new computer equipment to the process.

Unfortunately, there is still a backlog of some 6,000 applications, going back to April, that require correction or questions. Some will be returned, others the FCC may be able to clear in house. There is no indication as to when, or how, these will be addressed.

Looking to the future, expect electronic filing of 610s. The procedures are now being worked out in collaboration with some VECs. The FCC plans to try some test downloads with the VECs in the fall of this year. If all goes well, the FCC could be fully on-line with the new 610 process by December 31.

#### Scholarships and Awards

There are many scholarships covering a wide range

of situations available to licensed Amateurs. The ARRL Foundation, The Dayton Amateur Radio Association, The Foundation for Amateur Radio, to name only a few, will be announcing their dates for applications for their 1994 Scholarships. Watch QST and other amateur radio publications for details. The Pacific Division and ARRL each give many awards for outstanding service. Included are awards to clubs (by sizes), Ham of the Year, Volunteer of the Year, Ham Recruiter of the Year, and Certificates of Merit. These awards will be made at Pacificon '94. Please give serious thought to nominations. Drop me a note for the details.

#### Coming Events:

- Livermore Swap Meet-1st Sunday of each month at Las Positas College in Livermore, CA, 7 a.m. to noon, all year. Talk in 147.045 from west, 145.35 from east. Contact Noel Anklam, KC6QZK, (510) 447-3857
- Foothill Swap Meet-2nd Saturday, thru September, Foothill College, Los Altos, CA
- Sonoma County Radio Amateurs, Inc. Flea Market, Sept. 17, 1994 at Holy Ghost Hall, 7960 Mill Station Road, Sebastopol, CA. Talk-in 146.13/73. For further information, write SCRA, Box 116, Santa Rosa, CA 95402
- 1st National Hamfest, Oct 7-9, Costerisan Lake, Bakersfield, CA. Contact KCCVARC, P.O. Box 473, Bakersfield, CA 93302
- Pacificon '94, Hilton Hotel at Concord, CA, Oct. 21-23, 1994. For more information contact Lauren Styles, WA6CIE, 1910 Sunshine Dr., Concord, CA 94520, or call the MDARC/Pacificon Hotline at (510) 932-6125.

#### **PALO ALTO AMATEUR RADIO ASSOCIATION, INC. P.O. BOX 911, MENLO PARK, CA 94026**

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